



National Weather Service

Storm Data and Unusual Weather Phenomena



July 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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TEXAS, West

Pecos County

2 NW Ft Stockton 06 1605CST 0 0 70K Thunderstorm Wind (74)

A wet microburst hit the northwest side of Fort Stockton with damaging winds and blinding rains. Damage was scattered but locally impressive. The storm was moving from about 190 degrees with its first damage being apparently on the apex of the outflow. A strongly divergent pattern to the damage was noted with winds from 185 degrees on the west end versus 95 degrees on the east end. The damage path was approximately 3/4 mile wide.

The apex of the outflow hit the La Quinta Hotel at the intersection of I-10 and U.S. 285. A large part of the roof was taken off the hotel. The roof was on the second story of the structure and was oriented such that it caught the wind along this apex. The section of roof covered 13 rooms on the second floor and was both a cover for the walkway and roof for the rooms. The roof section broke loose, went over the building and crashed into the parking lot on the other side. The roof section was moving fast enough to force itself under the rear tires of a vehicle and under a storage shed.

To the east, other damage included a storage shed behind a car dealership that was broken loose from tie-down straps. The building was torn apart as it crossed a field with the roof catching in utility lines. A mobile home was rolled off its trailer at a Truck Stop. The main structure on a small lumber yard was destroyed by the winds as it took the corrugated metal roof off and pushed in an outside wall. Behind the lumber yard, much of a roof of storage building was torn off and trees were downed

The last damage on the extreme east side of the path was part of a convenience store roof that broke loose and struck the convenience store next door. The second store suffered large dents in its metal wall.

A survey of the damage site was performed and an estimate of 85 mph winds was estimated at the La Quinta with 65 mph winds on the extreme east side of the damage.

Dawson County

6 NW Lamesa 12 1515CST 0 0 80K Hail(1.25)

A hailstorm hit a cotton field and destroyed over 300 acres of the crop.

Dawson County

6 NW Lamesa 12 1520CST 0 0 10K Thunderstorm Wind

The same storm that hailed on the cotton took the roof off a barn and knocked down 6 utility poles.

Scurry County

3 NW Snyder 12 1700CST 0 0 10K Thunderstorm Wind

Winds from a downbursting thunderstorm took a large metal roof off a barn and also ripped the roof off a mobile home

Culberson County

5 NW Pine Spgs 13 1430MST 0 0 Hail(0.75)

A multicell storm developed in the Guadalupe Mountains and caused dime size hail in the vicinity of "The Bowl". Fire fighters attempting to complete a controlled burn were pelted by the hail

Pecos County

**11 W Ft Stockton 13 2211CST
2225CST 0 0 10K Thunderstorm Wind**

Colliding outflow boundaries initiated explosive multicellular thunderstorm development near the intersection of U.S. Highway 285 and FM 1776. The storms moved to the south-southwest near the Firestone Test Track where 5 utility poles were knocked down.



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TEXAS, West

When the storm reached I-10, 15 highway signs were blown down including one large "exit" sign that lost 7 panels.

Pecos County

34 SW Ft Stockton	13	2330CST	0	0	0.50K	Thunderstorm Wind
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This same storm moved to the southwest along Highway 67 where a highway sign was blown down 20 miles south of the I-10 interchange.

Andrews County

Andrews	16	1530CST	0	0	Hail(0.75)
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A multicell storm produced dime size hail in Andrews.

Andrews County

Andrews	16	1530CST	0	0	1K	Thunderstorm Wind
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The storm that dropped the hail in Andrews also caused scattered light wind damage across town.

Brewster County

17 SW Marathon	20	1920CST	0	0	5K	Thunderstorm Wind (85)
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Three utility poles were knocked down by thunderstorm outflow winds. Power company officials estimated the wind to have been near 100 mph since the poles were a higher grade than most utility poles. Power was knocked out to customers over a vast area in parts of Brewster County.

Midland County

(Maf) Midland Intl	21	1737CST	0	0	11K	Thunderstorm Wind (51)
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A downburst from a multicell thunderstorm had a measured gust of 59 mph on the KMAF ASOS. Also, wind damage occurred to a metal storage building on the grounds of the airport and 12 utility poles were knocked down in the vicinity of the airport.

Midland County

6 SW (Maf) Midland Intl	21	1750CST	0	0	10K	Thunderstorm Wind
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The storm complex that caused the strong winds at the airport moved slowly to the west and another downburst uprooted gas pumps and the attached canopy at a convenience store.

Ector County

Goldsmith	21	1835CST	0	0	3K	Thunderstorm Wind
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Thunderstorm downburst winds knocked down several utility poles in Goldsmith.

A tropical upper level low pressure center was moving westward near the Sanderson area. Water Vapor imagery showed the low and a large shield of lift and moisture moving into the region. At max heating, the temperature at KMAF was 100 degrees with a dew point of 57 degrees. A modified 12Z sounding indicated 2200 J/kg of CAPE and Precipitable water of 1.53". Low level winds were mostly over 20 kt on the 00Z sounding, but were very weak aloft. The 00Z sounding thermodynamic readings were tainted by thunderstorms at or near the station.